

06/25/01
J1059

C6-26-01

A

PTO/SB/05 (12/97)

Approved for use through 09/30/00 OMB 0651-0032

Patent and Trademark Office, U S DEPARTMENT OF COMMERCE

Please type a plus sign (+) inside this box → ☐

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>	Attorney docket No. 98-1014	Total Pages 24
	First Named Inventor or Application Identifier	
	Russell K. Johnson	
	Express Mail Label No. ET222108375US	

PTO
09/888957
06/25/01

APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents</small>	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231																		
<table border="0"><tr><td>1. <input checked="" type="checkbox"/> Fee Transmittal Form <small>(Submit an original, and a duplicate for fee processing)</small></td><td>6. <input type="checkbox"/> Microfiche Computer Program (Appendix)</td></tr><tr><td>2. <input checked="" type="checkbox"/> Specification [Total Pages 11] <small>(preferred arrangement set forth below)</small><ul style="list-style-type: none">- Descriptive title of the Invention- Cross Reference to Related Applications- Statement Regarding Fed sponsored R & D- Reference to Microfiche Appendix- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings (if filed)- Detailed Description- Claim(s)- Abstract of the Disclosure</td><td>7. Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small><ul style="list-style-type: none">a. <input type="checkbox"/> Computer Readable Copyb. <input type="checkbox"/> Paper Copy (identical to computer copy)c. <input type="checkbox"/> Statement verifying identity of above copies</td></tr><tr><td>3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 4]</td><td></td></tr><tr><td>4. Oath of Declaration [Total Pages 2]<ul style="list-style-type: none">a. <input checked="" type="checkbox"/> Newly executed (original copy)b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <small>(for continuation/divisional with Box 17 completed)</small> [Note Box 5 below]i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</td><td></td></tr><tr><td>5. <input type="checkbox"/> Incorporation By Reference <small>(useable if Box 4b is checked)</small> The entire disclosure of the prior application, from which a copy of the oath of declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</td><td></td></tr></table>		1. <input checked="" type="checkbox"/> Fee Transmittal Form <small>(Submit an original, and a duplicate for fee processing)</small>	6. <input type="checkbox"/> Microfiche Computer Program (Appendix)	2. <input checked="" type="checkbox"/> Specification [Total Pages 11] <small>(preferred arrangement set forth below)</small> <ul style="list-style-type: none">- Descriptive title of the Invention- Cross Reference to Related Applications- Statement Regarding Fed sponsored R & D- Reference to Microfiche Appendix- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings (if filed)- Detailed Description- Claim(s)- Abstract of the Disclosure	7. Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small> <ul style="list-style-type: none">a. <input type="checkbox"/> Computer Readable Copyb. <input type="checkbox"/> Paper Copy (identical to computer copy)c. <input type="checkbox"/> Statement verifying identity of above copies	3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 4]		4. Oath of Declaration [Total Pages 2] <ul style="list-style-type: none">a. <input checked="" type="checkbox"/> Newly executed (original copy)b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <small>(for continuation/divisional with Box 17 completed)</small> [Note Box 5 below]i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).		5. <input type="checkbox"/> Incorporation By Reference <small>(useable if Box 4b is checked)</small> The entire disclosure of the prior application, from which a copy of the oath of declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.									
1. <input checked="" type="checkbox"/> Fee Transmittal Form <small>(Submit an original, and a duplicate for fee processing)</small>	6. <input type="checkbox"/> Microfiche Computer Program (Appendix)																		
2. <input checked="" type="checkbox"/> Specification [Total Pages 11] <small>(preferred arrangement set forth below)</small> <ul style="list-style-type: none">- Descriptive title of the Invention- Cross Reference to Related Applications- Statement Regarding Fed sponsored R & D- Reference to Microfiche Appendix- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings (if filed)- Detailed Description- Claim(s)- Abstract of the Disclosure	7. Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small> <ul style="list-style-type: none">a. <input type="checkbox"/> Computer Readable Copyb. <input type="checkbox"/> Paper Copy (identical to computer copy)c. <input type="checkbox"/> Statement verifying identity of above copies																		
3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 4]																			
4. Oath of Declaration [Total Pages 2] <ul style="list-style-type: none">a. <input checked="" type="checkbox"/> Newly executed (original copy)b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <small>(for continuation/divisional with Box 17 completed)</small> [Note Box 5 below]i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).																			
5. <input type="checkbox"/> Incorporation By Reference <small>(useable if Box 4b is checked)</small> The entire disclosure of the prior application, from which a copy of the oath of declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.																			
ACCOMPANYING APPLICATION PARTS <table border="0"><tr><td>8. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))</td><td></td></tr><tr><td>9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <small>(when there is an assignee)</small></td><td></td></tr><tr><td>10. <input type="checkbox"/> English Translation Document (if applicable)</td><td></td></tr><tr><td>11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1448 <input type="checkbox"/> Copies of IDS Citations</td><td></td></tr><tr><td>12. <input type="checkbox"/> Preliminary Amendment</td><td></td></tr><tr><td>13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small></td><td></td></tr><tr><td>14. <input type="checkbox"/> Small Entity Statement filed in prior application, Status still proper and desired</td><td></td></tr><tr><td>15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small></td><td></td></tr><tr><td>16. <input checked="" type="checkbox"/> Other Certificate of Express Mailing</td><td></td></tr></table>		8. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))		9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <small>(when there is an assignee)</small>		10. <input type="checkbox"/> English Translation Document (if applicable)		11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1448 <input type="checkbox"/> Copies of IDS Citations		12. <input type="checkbox"/> Preliminary Amendment		13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small>		14. <input type="checkbox"/> Small Entity Statement filed in prior application, Status still proper and desired		15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small>		16. <input checked="" type="checkbox"/> Other Certificate of Express Mailing	
8. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))																			
9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <small>(when there is an assignee)</small>																			
10. <input type="checkbox"/> English Translation Document (if applicable)																			
11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1448 <input type="checkbox"/> Copies of IDS Citations																			
12. <input type="checkbox"/> Preliminary Amendment																			
13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small>																			
14. <input type="checkbox"/> Small Entity Statement filed in prior application, Status still proper and desired																			
15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small>																			
16. <input checked="" type="checkbox"/> Other Certificate of Express Mailing																			

17. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information:
☐ Continuation ☐ Reissue ☐ Continuation-in-part (CIP) of prior application No _____

18. **CORRESPONDENCE ADDRESS**
☐ Customer Number or Bar Code Label: _____ or ☒ Correspondence address below
(Insert Customer No. or Attach bar code label here)

NAME	Keith D. Nelson				
	Lockheed Martin Corporation				
ADDRESS	Building 220, Mail Stop A08				
	P. O. Box 49041				
CITY	San Jose	STATE	CA	ZIP CODE	95161-9041
COUNTRY	USA	TELEPHONE	(408) 473-6441	FAX	(408) 473-4505

Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
FEE TRANSMITTAL LETTER

June 25, 2001

The Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application, including four (4) sheet(s) of drawing,
of inventor(s): Russell K. Johnson
for: Parallel Decimator Adaptive Filter and Method for All-Rate Gigabit-Per-Second Modems

Applicant is a small entity ☐; large entity ☒

The filing fee for this application is calculated below:

FOR:	CLAIMS AS FILED	RATE	TOTAL
Basic Fee		\$ 710.00 =	\$ 710.00
Total Claims	8 - 20 = 0 times	\$ 18.00 =	\$ 0.00
Independent Claims	2 - 3 = 0 times	\$ 80.00 =	\$ 0.00
Multiple Dependent Claims	0 times	\$ 270.00 =	\$ 0.00
TOTAL FILING FEE			\$ 710.00
Assignment Recording Fee	1 times	\$ 40.00 =	\$ 40.00
TOTAL FEES			\$ 750.00

A cheque in the amount of \$ **750.00** is enclosed with this Application Transmittal Letter to cover the filing fees. This form is submitted in duplicate.

Respectfully submitted



Kenneth W. Float
Reg. No. 29,233

The Law Offices of Kenneth W. Float
Office address: 2 Shire, Coto de Caza, CA 92679
Mailing address: P. O. Box 80790, Rancho Santa Margarita, CA 92688
Telephone: (949) 459-5519
Facsimile: (949) 459-5520

PATENT
98-1014

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Russell K. Johnson : Date: June 25, 2001
Serial No. : Group Art Unit:
Filed: : Examiner:
For: Parallel Decimator Adaptive Filter and Method for : Batch No.:
All-Rate Gigabit-Per-Second Modems

**CERTIFICATE OF MAILING
UNDER 37 CFR 1.10**

The Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

Identification of Transmitted Papers


Utility Patent Application Transmittal form, patent application comprising ten (10) pages plus a cover page, four (4) sheets of drawing, Combined Declaration and Power of Attorney form, Fee Transmittal Letter in duplicate, Assignment for recording, Recordation form cover sheet (PTO-1595), cheque in the amount of \$750.00, and return receipt postcard

CERTIFICATION OF EXPRESS MAIL DEPOSIT

"EXPRESS MAIL" MAILING LABEL NO. ET222108375US

DATE OF DEPOSIT -June 25, 2001

I hereby certify that the above-identified correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service, under 37 CFR 1.10, on the date indicated above and addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.



Kenneth W. Float
Reg. No. 29,233

The Law Offices of Kenneth W. Float
Office Address: 2 Shire, Coto de Caza, CA 92679
Mailing Address: PO Box 80790, Rancho Santa Margarita, CA 92688
Telephone: (949) 459-5519
Facsimile: (949) 459-5520